

INTERNATIONAL SEARCH REPORT

International application No.

PCT/KR03/01506

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 H04Q 7/34, H04Q 7/38,

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H04Q 7/34, H04Q 7/38, H04M 1/56, H04M 3/42

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KR, JP : IPC as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2000-000244 A (PARK, JONG-HYUN) 15 JANUARY 2000, see whole description.	1-12
A	KR 2001-108937 A (CHAE KYUNG-MIN) 08 DECEMBER 2001, see whole description.	1-12
A	KR 2000-30035 A (KIM KANGSUK) 05 JUNE 2000, see whole description.	1-12
A	KR 2000-55316 A (YOON SEOK KYU) 05 SEPTEMBER 2000, see whole description.	1-12
A	US 5926537 A (ERICSSON INC.) 20 JULY 1999, see abstract, whole description.	1-12
A	JP 2001-106685 A2 (NTT MOBIL COMMUNICATION NETWORK INC.) 11 APRIL 2000, see abstract.	1-12
A	JP 2000-50347 A2 (NEC CORP.) 18 FEBRUARY 2000, see abstract	1-12
A	WO 2000-42763 A1 (KIM, KANGSUK) 24 AUGUST 2000, see whole document	1-12
A	KR 2002-39501 A (LG ELECTRONICS INC.) 27 MAY 2002, see whole description	1-12

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

12 NOVEMBER 2003 (12.11.2003)

Date of mailing of the international search report

12 NOVEMBER 2003 (12.11.2003)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

BAE, Soon Goo

Telephone No. 82-42-481-5742

